

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062416\
 Data File : BF088360.D
 Acq On : 25 Jun 2016 5:48
 Operator : UM/SJ
 Sample : PB91593BL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Quant Time: Jun 27 01:49:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

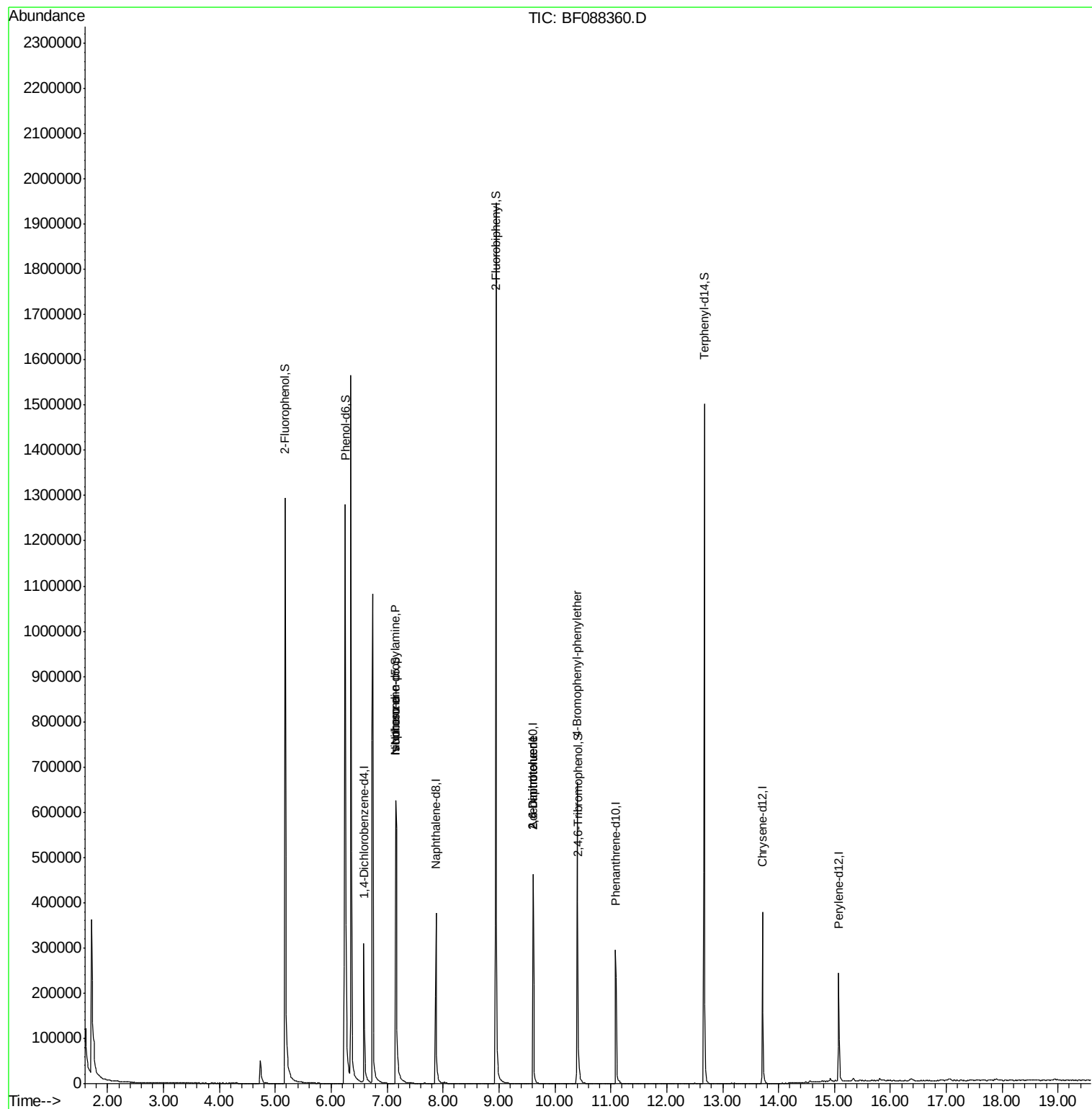
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	70547	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	271827	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	115084	20.00	ng	-0.03
63) Phenanthrene-d10	11.08	188	179802	20.00	ng	-0.03
75) Chrysene-d12	13.71	240	153060	20.00	ng	-0.03
86) Perylene-d12	15.07	264	114133	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	517758	125.47	ng	0.00
7) Phenol-d6	6.25	99	637072	127.38	ng	-0.01
23) Nitrobenzene-d5	7.15	82	385781	82.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	116485	95.86	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	699034	96.15	ng	-0.02
78) Terphenyl-d14	12.67	244	510362	75.88	ng	-0.02
Target Compounds						
10) Phenol	6.35	94	604	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	47377	14.81	ng	# 73
25) Isophorone	7.15	82	389201	45.14	ng	# 65
45) 1,1'-Biphenyl	8.95	154	1011	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.61	165	14398	7.54	ng	# 37
56) 2,4-Dinitrotoluene	9.61	165	14399	5.87	ng	# 36
57) Fluorene	10.40	166	4954	Below Cal	#	86
66) 4-Bromophenyl-phenylether	10.40	248	7091	3.68	ng	# 1

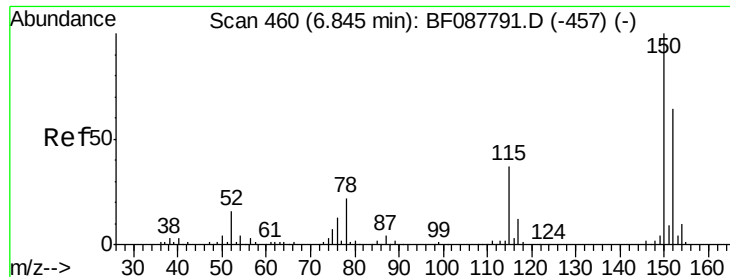
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

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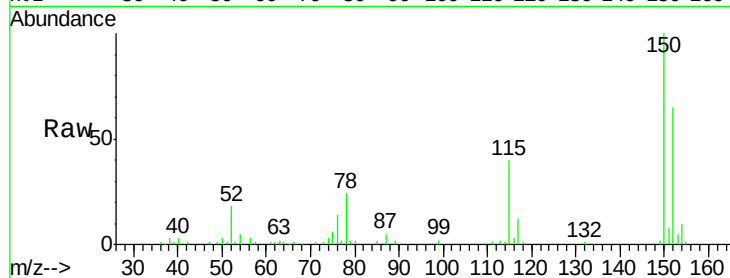
Tgt Ion:152 Resp: 70547

Ion Ratio Lower Upper

152 100

150 153.6 123.8 185.6

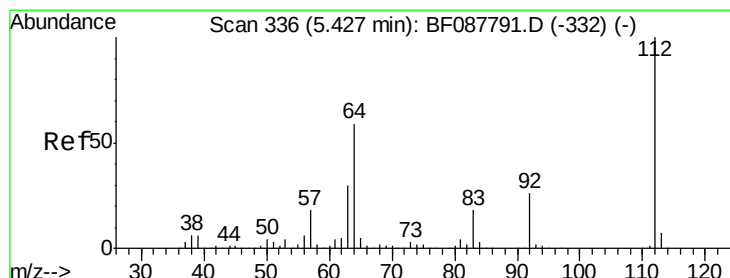
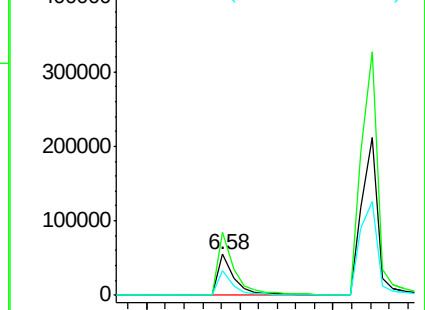
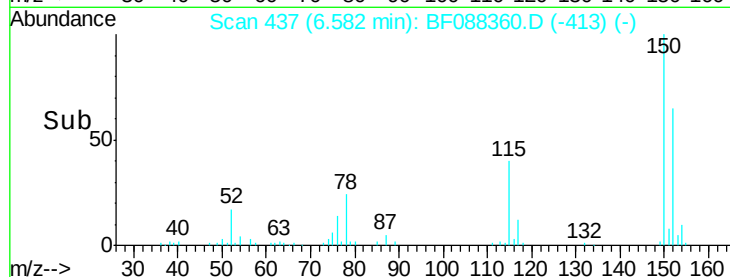
115 61.2 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 125.47 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.00 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

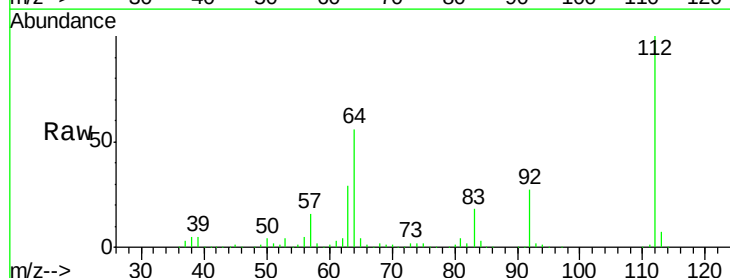
Tgt Ion:112 Resp: 517758

Ion Ratio Lower Upper

112 100

64 56.0 42.2 63.2

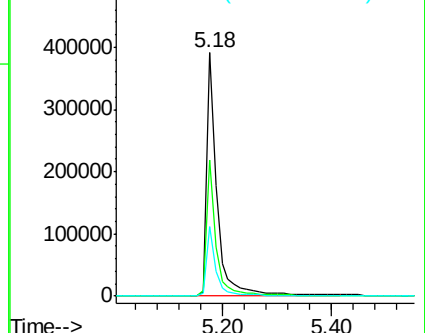
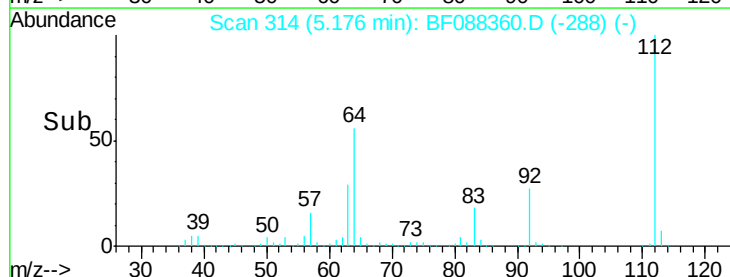
63 28.5 21.8 32.8

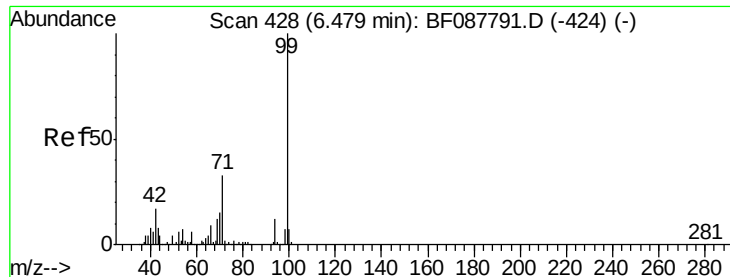


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 127.38 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

Instrument :

BNA_F

ClientSampleId :

PB91593BL

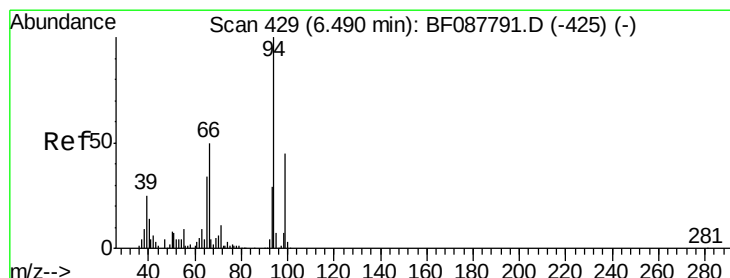
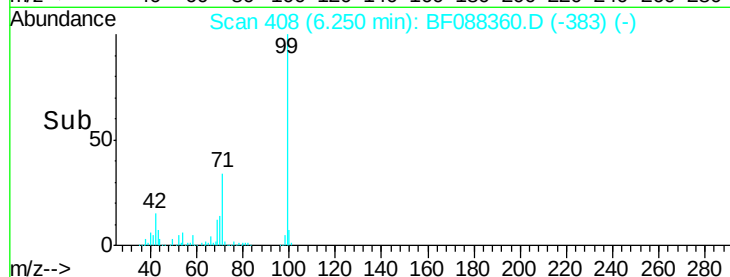
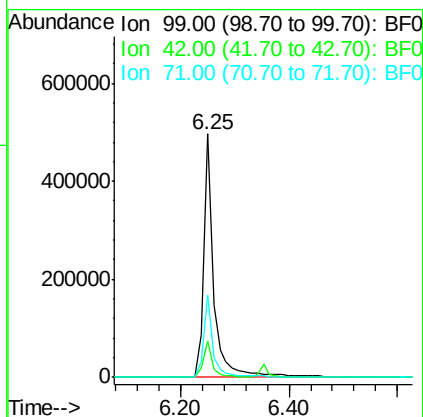
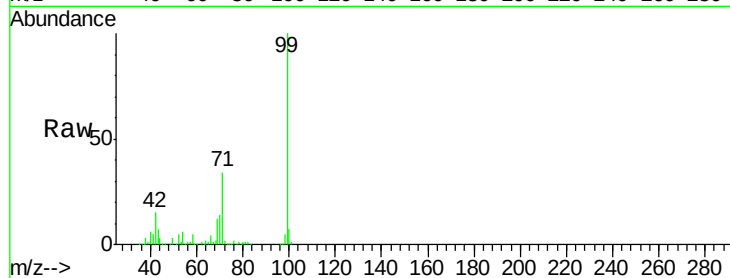
Tgt Ion: 99 Resp: 637072

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

71 33.8 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.35 min Scan# 417

Delta R.T. 0.08 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

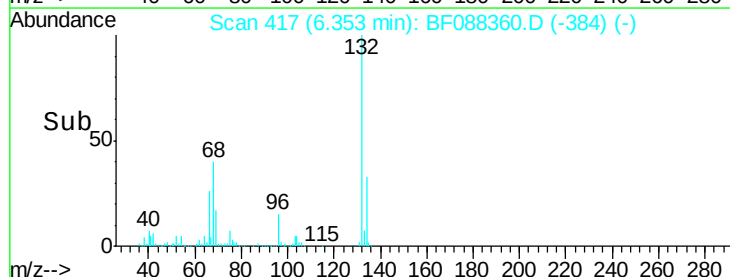
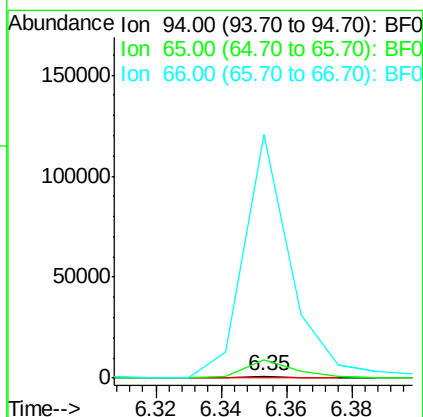
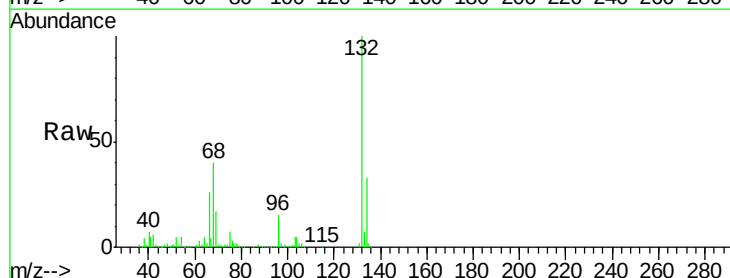
Tgt Ion: 94 Resp: 604

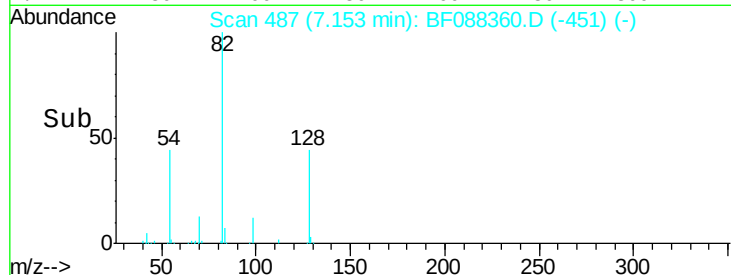
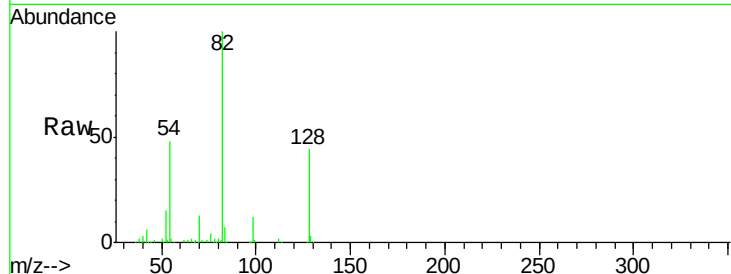
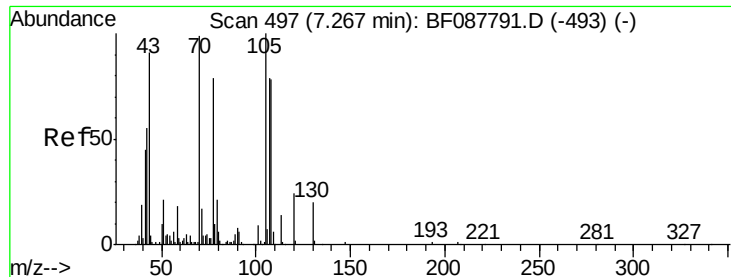
Ion Ratio Lower Upper

94 100

65 1061.0 5.9 45.9#

66 13684.4 14.0 54.0#

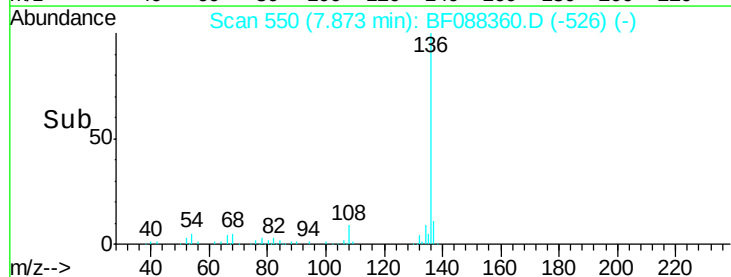
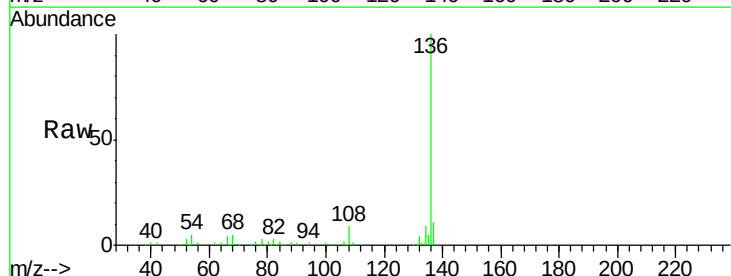
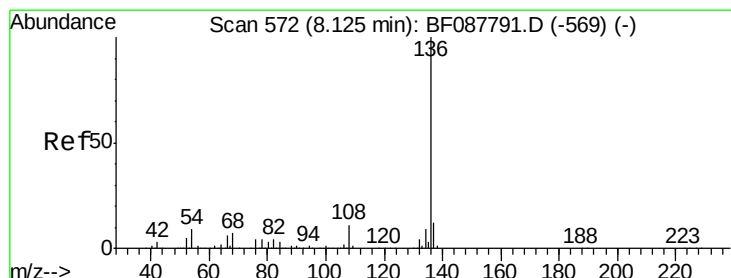
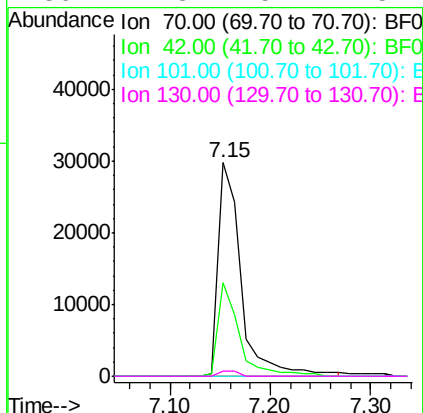




#19
n-Nitroso-di-n-propylamine
Concen: 14.81 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.11 min
Lab File: BF088360.D
Acq: 25 Jun 2016 5:48

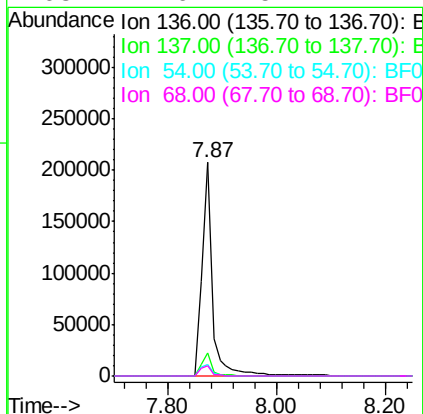
Instrument :
BNA_F
ClientSampleId :
PB91593BL

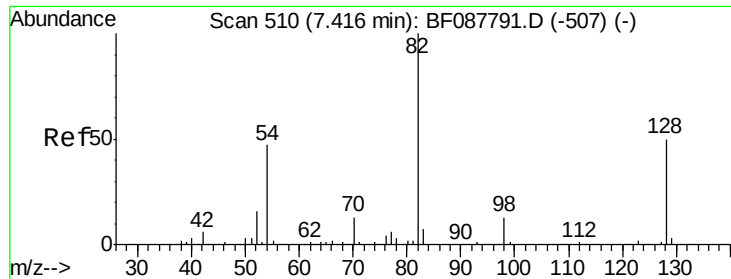
Tgt Ion: 70 Resp: 47377
Ion Ratio Lower Upper
70 100
42 43.7 49.6 74.4#
101 0.0 7.1 10.7#
130 2.3 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF088360.D
Acq: 25 Jun 2016 5:48

Tgt Ion: 136 Resp: 271827
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.2 6.6 10.0#
68 4.6 5.1 7.7#

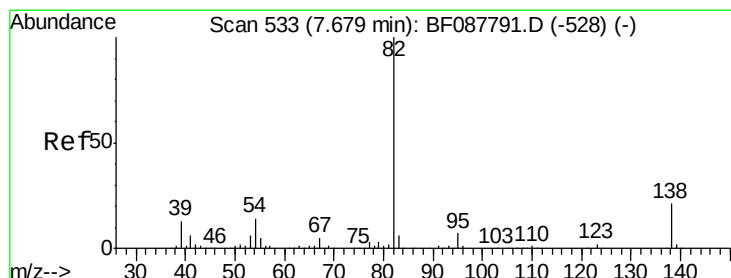
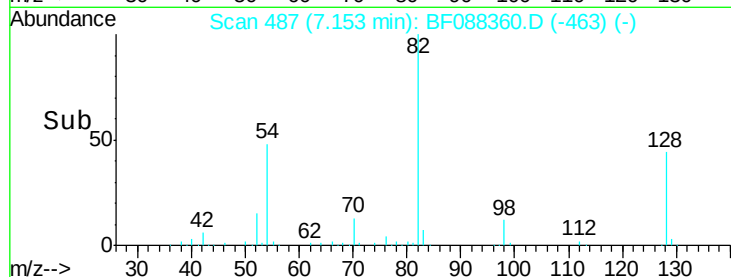
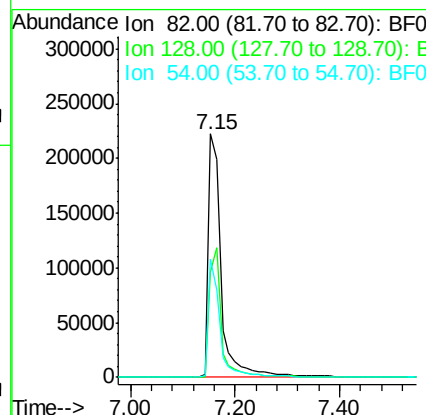
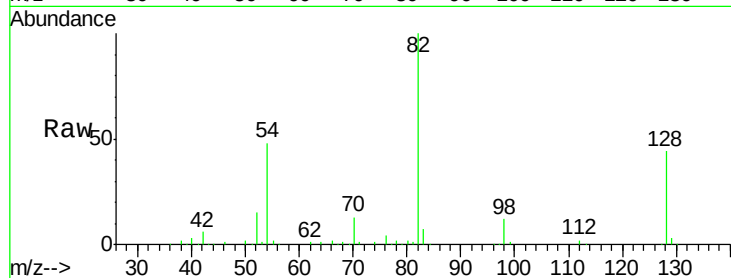




#23
Nitrobenzene-d5
Concen: 82.87 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF088360.D
Acq: 25 Jun 2016 5:48

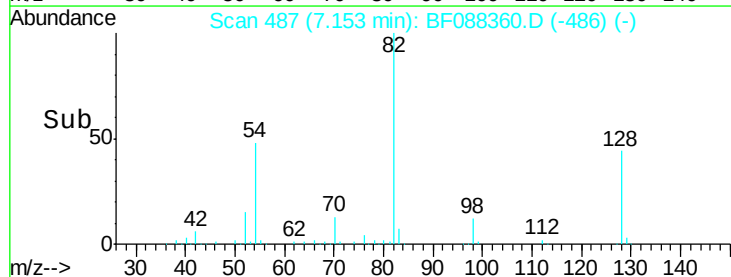
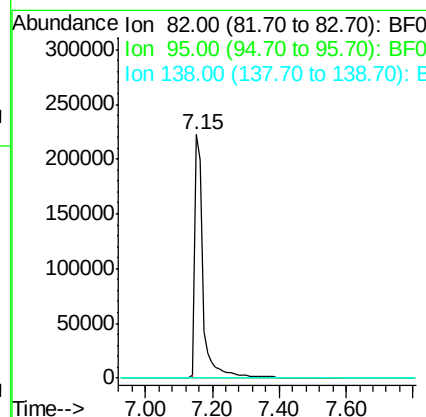
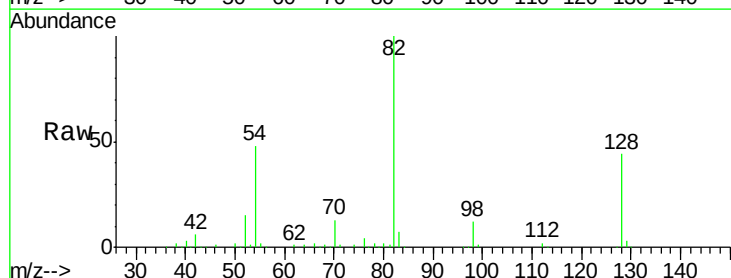
Instrument :
BNA_F
ClientSampleId :
PB91593BL

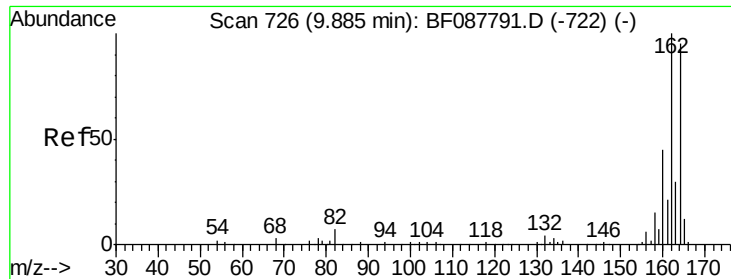
Tgt Ion: 82 Resp: 385781
Ion Ratio Lower Upper
82 100
128 43.5 35.9 53.9
54 48.5 40.9 61.3



#25
Isophorone
Concen: 45.14 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.29 min
Lab File: BF088360.D
Acq: 25 Jun 2016 5:48

Tgt Ion: 82 Resp: 389201
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 14.6 21.8#

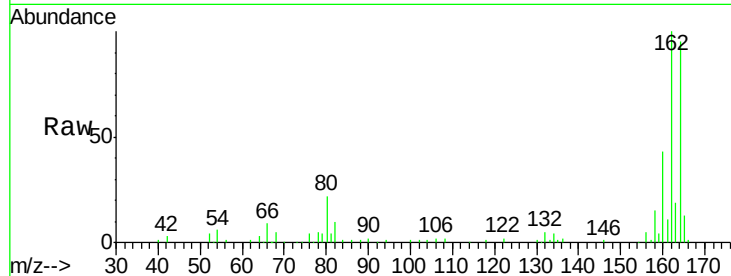




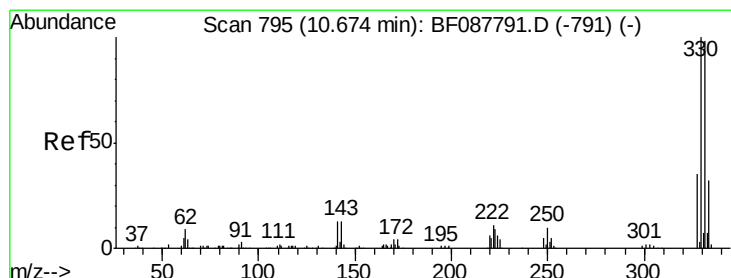
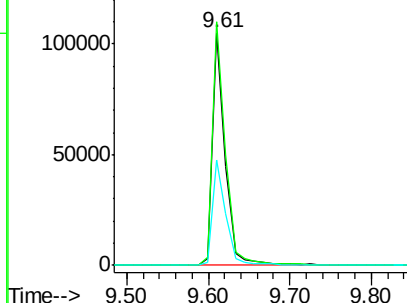
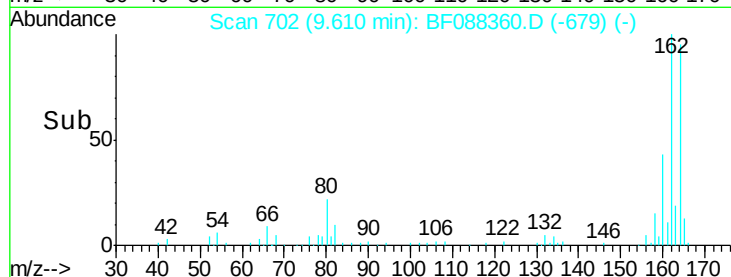
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Tgt Ion:164 Resp: 115084
 Ion Ratio Lower Upper
 164 100
 162 104.9 85.4 128.2
 160 45.5 39.5 59.3

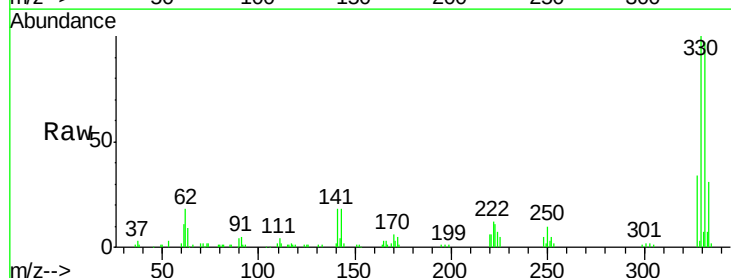


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

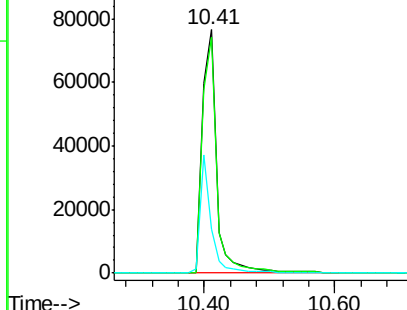
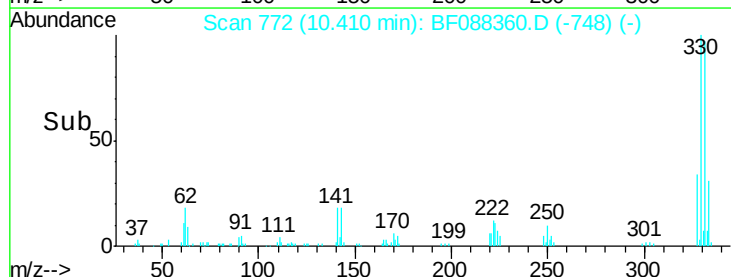


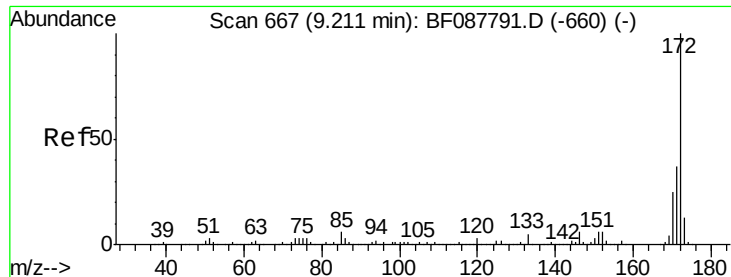
#41
 2,4,6-Tribromophenol
 Concen: 95.86 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.02 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Tgt Ion:330 Resp: 116485
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 36.7 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

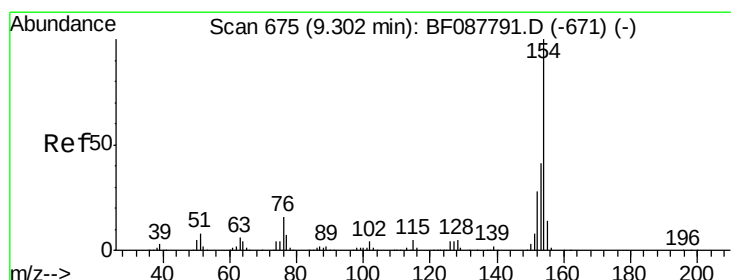
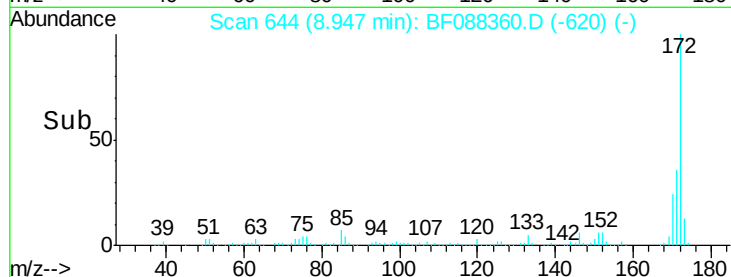
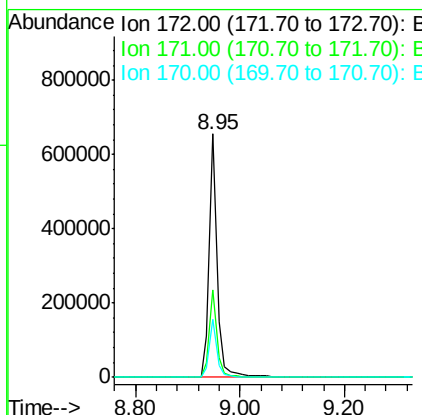
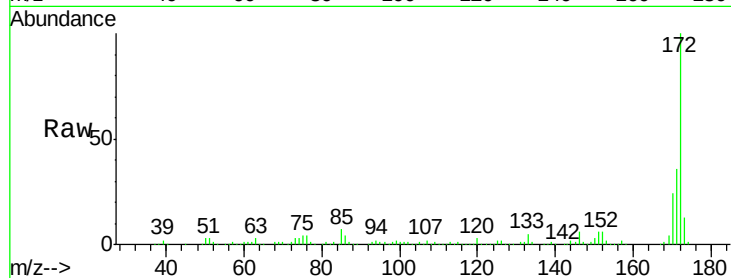




#44
 2-Fluorobiphenyl
 Concen: 96.15 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

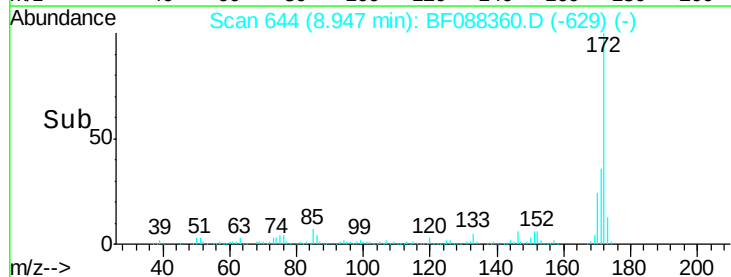
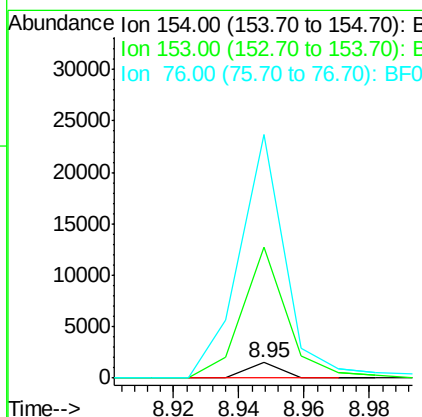
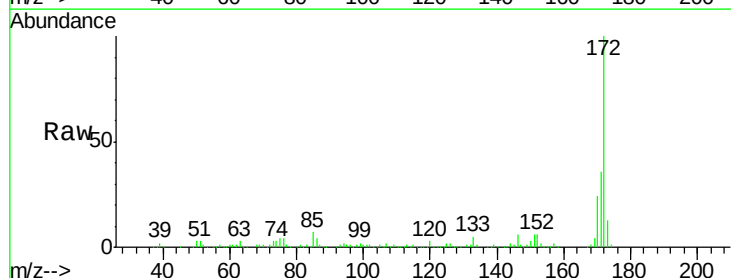
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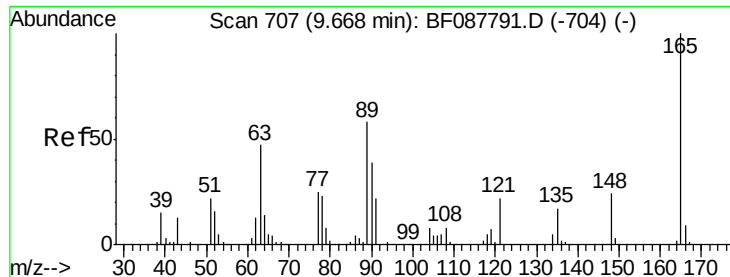
Tgt Ion:172 Resp: 699034
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.6 43.0
 170 24.0 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.95 min Scan# 644
 Delta R.T. -0.13 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Tgt Ion:154 Resp: 1011
 Ion Ratio Lower Upper
 154 100
 153 862.5 20.6 60.6#
 76 1606.0 0.0 35.1#

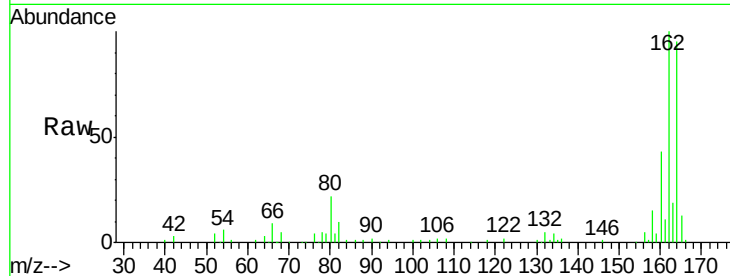




#50
 2,6-Dinitrotoluene
 Concen: 7.54 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.16 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

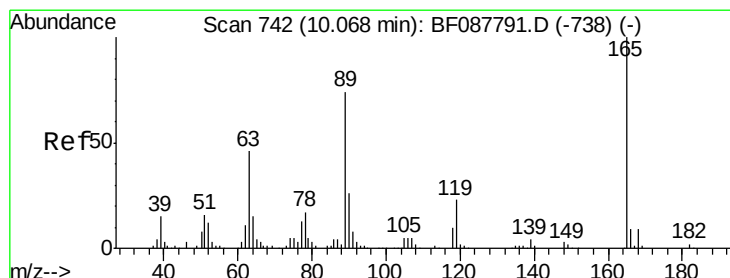
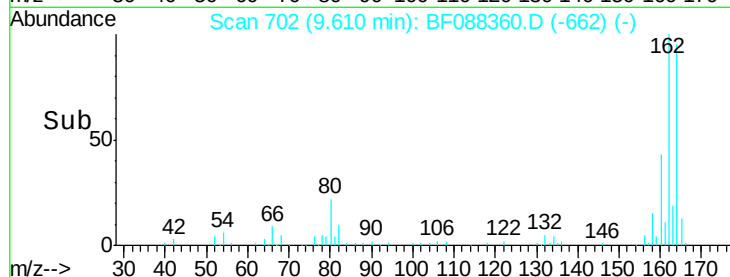
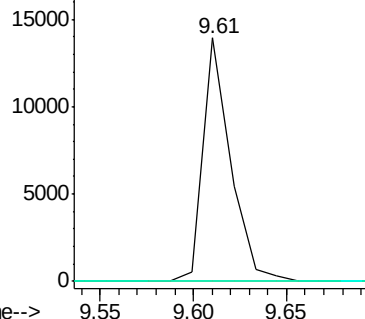
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.87 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.24 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

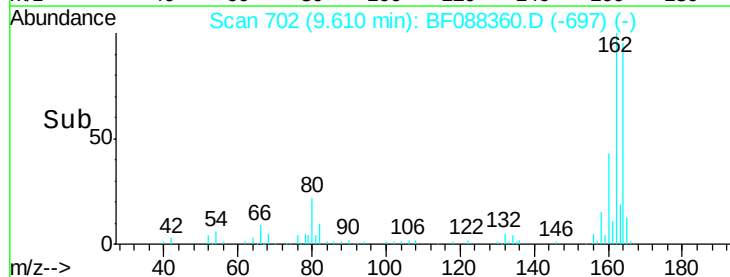
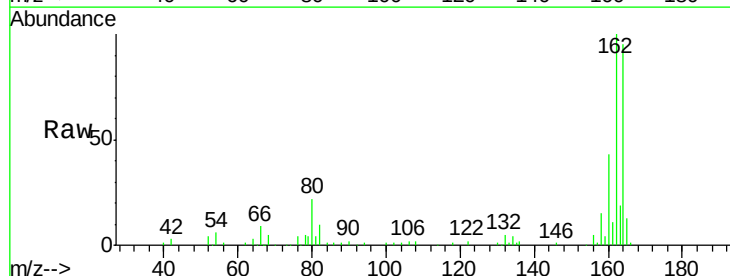
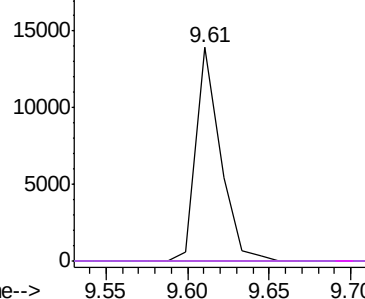
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

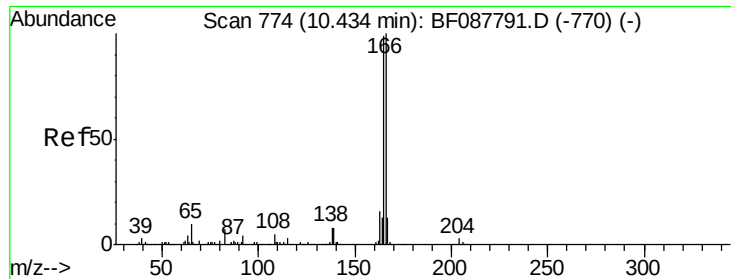
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: Below Cal

RT: 10.40 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

Instrument :

BNA_F

ClientSampleId :

PB91593BL

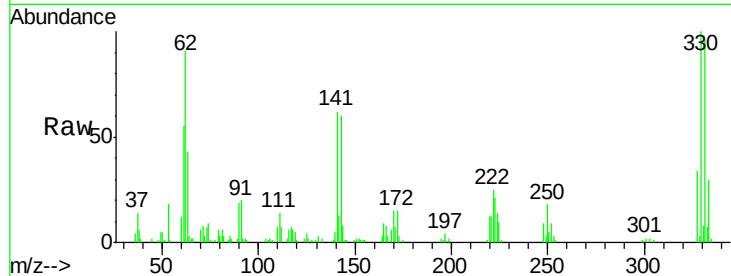
Tgt Ion:166 Resp: 4954

Ion Ratio Lower Upper

166 100

165 106.7 77.8 116.8

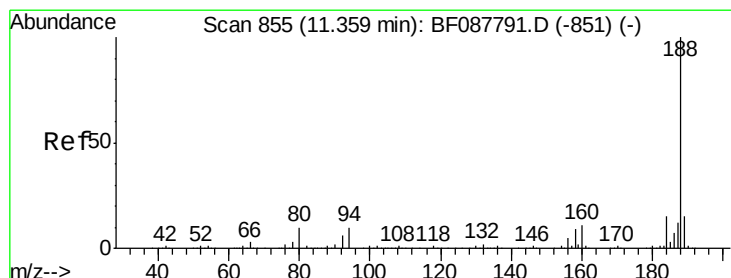
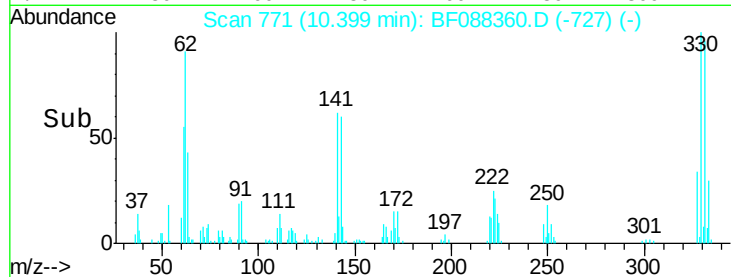
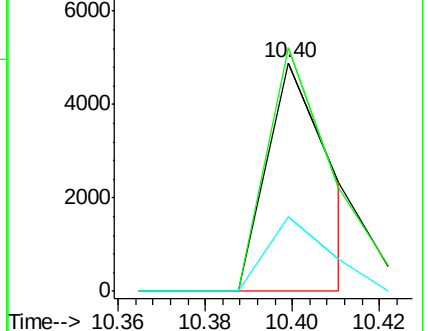
167 33.0 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 831

Delta R.T. -0.03 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

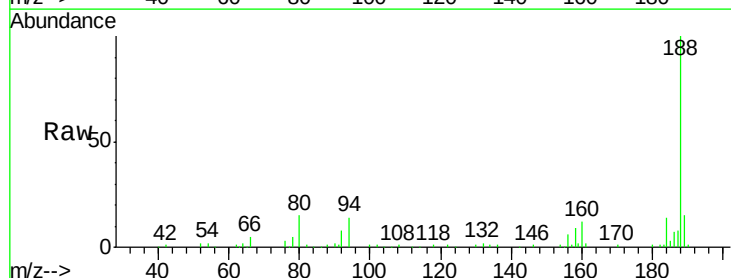
Tgt Ion:188 Resp: 179802

Ion Ratio Lower Upper

188 100

94 14.1 9.0 13.6#

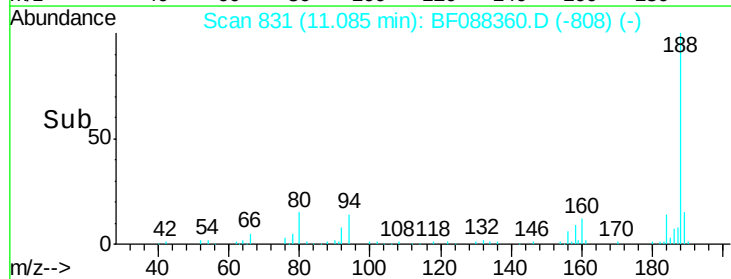
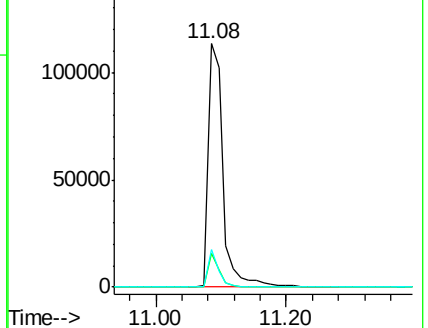
80 15.4 10.0 15.0#

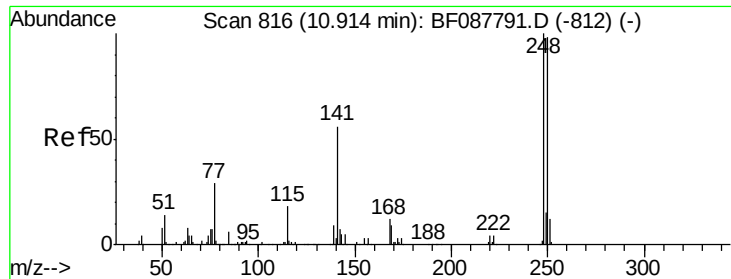


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.68 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.27 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

Instrument :

BNA_F

ClientSampleId :

PB91593BL

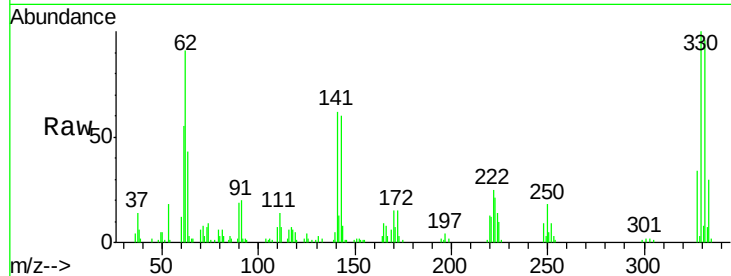
Tgt Ion:248 Resp: 7091

Ion Ratio Lower Upper

248 100

250 197.5 77.1 115.7#

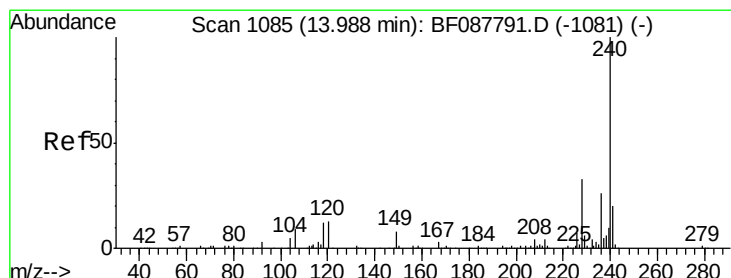
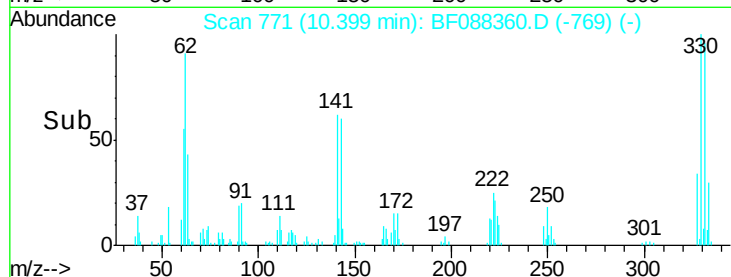
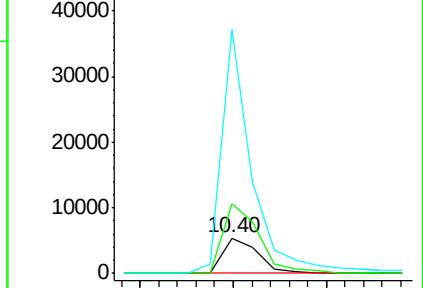
141 687.2 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1061

Delta R.T. -0.03 min

Lab File: BF088360.D

Acq: 25 Jun 2016 5:48

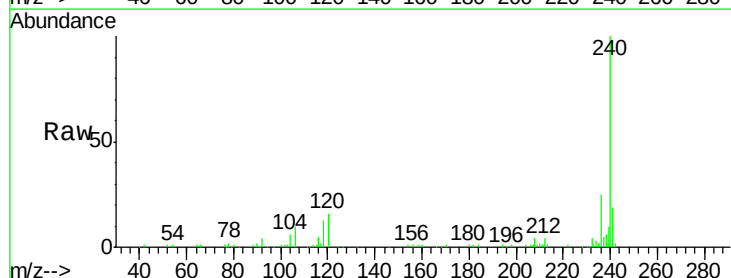
Tgt Ion:240 Resp: 153060

Ion Ratio Lower Upper

240 100

120 15.5 6.8 10.2#

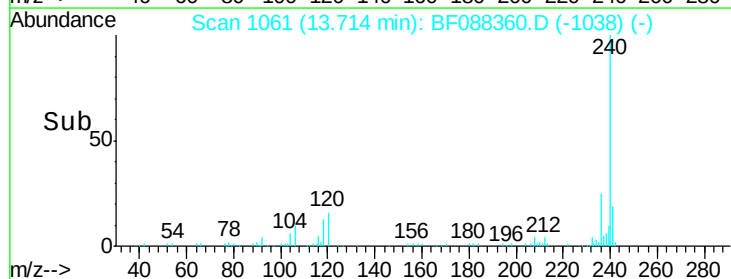
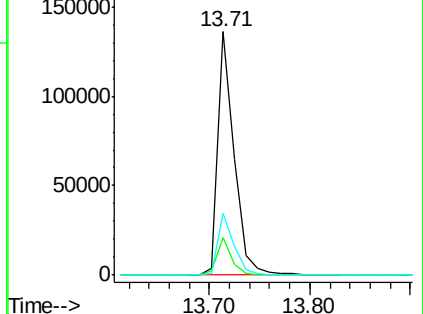
236 25.4 20.2 30.2

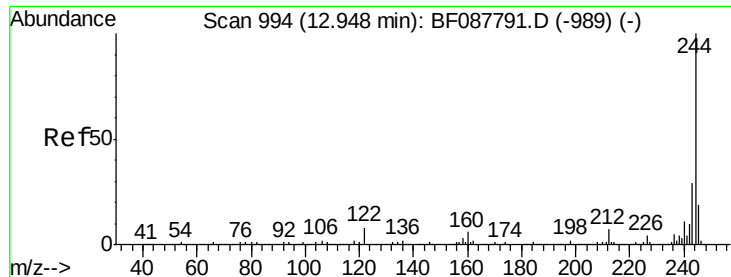


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

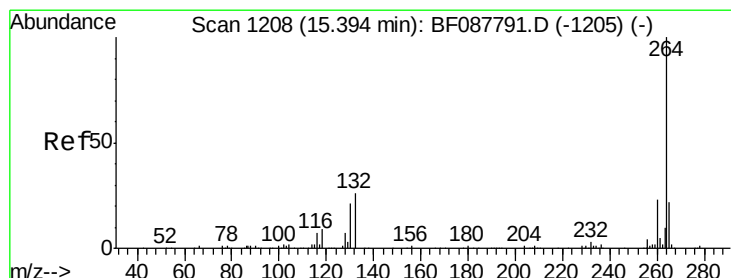
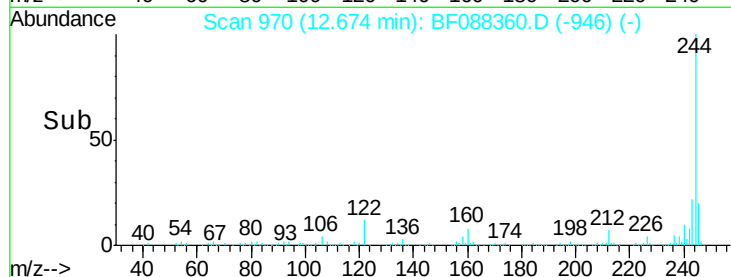
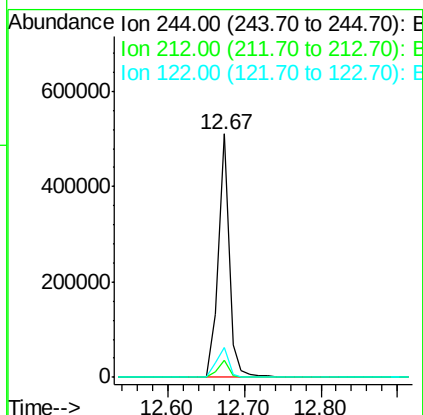
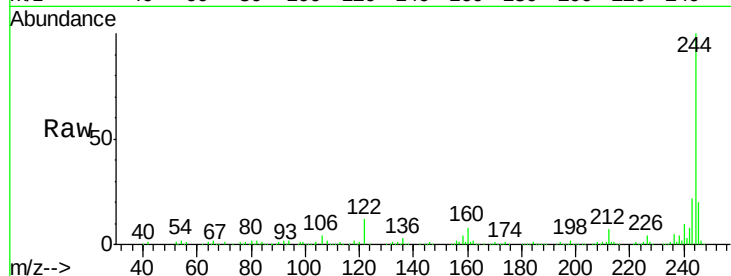




#78
 Terphenyl-d14
 Concen: 75.88 ng
 RT: 12.67 min Scan# 970
 Delta R.T. -0.02 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Instrument :
 BNA_F
 ClientSampleId :
 PB91593BL

Tgt Ion:244 Resp: 510362
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 12.2 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1180
 Delta R.T. -0.03 min
 Lab File: BF088360.D
 Acq: 25 Jun 2016 5:48

Tgt Ion:264 Resp: 114133
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.0 16.9 25.3

